

? ds

| Set | Items | Description |
|-----|-------|--|
| S1 | 0 | NETWORK ADJ1 CONNECTION |
| S2 | 60952 | NETWORK(1W) CONNECTION |
| S3 | 2604 | S2 (5N) (CREAT????? OR ESTABLISH?????) |
| S4 | 70 | S3 (5N) (ALLOW????? OR PERMIT?????) |
| S5 | 12 | S4 (S) (APPLET OR SCRIPT OR MODULE OR CODE) |
| S6 | 85213 | (CREAT????? OR ESTABLISH?????) (4W) CONNECTION |
| S7 | 0 | S6 (5W) (SERVER ORT HOST) |
| S8 | 3824 | S6 (5W) (SERVER OR HOST) |
| S9 | 78 | S8 (5N) (ALLOW????? OR PERMIT?????) |
| S10 | 17 | S9 (S) (APPLET OR SCRIPT OR CODE OR MODULE) |
| S11 | 6 | S10 (S) (ADDRESS OR URL OR NAME OR HOSTNAME) |
| S12 | 3 | S11 NOT S5 |
| ? | | |

Dialog Search
by Mustafa Maky

09/ 818,302

07-18-2005

5/3/6 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01002176 **Image available**
SYSTEM AND METHOD FOR SPECIFYING ACCESS TO RESOURCES IN A MOBILE CODE
SYSTEM
SYSTEME ET PROCEDE SERVANT A DETERMINER L'ACCES A DES RESSOURCES DANS UN
SYSTEME A CODE MOBILE

Patent Applicant/Assignee:

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Legal Representative:

SMITH James M (et al) (agent), Hamilton, Brook, Smith & Reynolds, P.C.,
530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200332158 A2-A3 20030417 (WO 0332158)
Application: WO 2002US32280 20021010 (PCT/WO US0232280)
Priority Application: EP 60328465 20011011

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6355

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Same application

5/3/7 (Item 2 from file: 349)
DIALOG(R) File 349: PCT FULLTEXT
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00944113 **Image available**

METHOD AND SYSTEM FOR SECURELY PERMITTING MOBILE CODE TO ACCESS NETWORK
RESOURCES

PROCEDE ET SYSTEME DESTINES A PERMETTRE A UN CODE MOBILE D'ACCEDER DE
MANIERE SECURISEE A DES RESSOURCES DE RESEAU

Patent Applicant/Assignee:

CURL CORPORATION, 8th floor, 400 Technology Square, Cambridge, MA 02139,
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Inventor(s):

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Legal Representative:

SMITH James M (et al) (agent), Hamilton, Brook, Smith & Reynolds, P.C.,

530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200278293 A1 20021003 (WO 0278293)

Application: WO 2002US9266 20020325 (PCT/WO US0209266)

Priority Application: US 2001278828 20010326; US 2001818302 20010327

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ

EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI

SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9096

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same application

Freeform Search

| | |
|---|--|
| Database: | <div style="border: 1px solid black; padding: 2px;"> US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins </div> |
| Term: | <div style="border: 1px solid black; padding: 2px;"> l18 same (applet or script or module or code) </div> |
| Display: | <div style="border: 1px solid black; padding: 2px;">10</div> Documents in Display Format: <div style="border: 1px solid black; padding: 2px;">-</div> Starting with Number <div style="border: 1px solid black; padding: 2px;">1</div> |
| Generate: <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image | |

Search

Clear

Interrupt

By Moustafa Meky
for 09/818,302

Search History

DATE: Monday, July 18, 2005 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=PGPB,USPT; PLUR=YES; OP=ADJ

| | | |
|--|--------|------------|
| <u>L19</u> l18 same (applet or script or module or code) | 12 | <u>L19</u> |
| <u>L18</u> L17 not l7 | 22 | <u>L18</u> |
| <u>L17</u> l3 same l11 | 23 | <u>L17</u> |
| <u>L16</u> l11 same L15 | 1 | <u>L16</u> |
| <u>L15</u> L14 near5 (allow\$5 or permit\$5) | 3367 | <u>L15</u> |
| <u>L14</u> (creat\$5 or establish\$5) near3 connection | 107192 | <u>L14</u> |
| <u>L13</u> l2 same L11 | 1 | <u>L13</u> |
| <u>L12</u> l4 same L11 | 1 | <u>L12</u> |
| <u>L11</u> l9 or L10 | 12649 | <u>L11</u> |
| <u>L10</u> address near4 directory | 4951 | <u>L10</u> |
| <u>L9</u> (url or name or hostname) near4 directory | 9016 | <u>L9</u> |
| <u>L8</u> L7 not l5 | 9 | <u>L8</u> |
| <u>L7</u> L6 same (applet or script or module or code) | 37 | <u>L7</u> |
| <u>L6</u> l2 near5 (host or server) | 196 | <u>L6</u> |
| <u>L5</u> l4 same (applet or script or module or code) | 28 | <u>L5</u> |
| <u>L4</u> L3 near5 (allow\$5 or permit\$5) | 110 | <u>L4</u> |

| | | | |
|-----------|--|-------|-----------|
| <u>L3</u> | 11 adj4 (server or host) | 5783 | <u>L3</u> |
| <u>L2</u> | 11 near5 (allow\$5 or permit\$5) | 2212 | <u>L2</u> |
| <u>L1</u> | (creat\$4 or establish\$5) adj3 connection | 79123 | <u>L1</u> |

END OF SEARCH HISTORY

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Generate Collection

Print

L5: Entry 10 of 28

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030126292

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030126292 A1

TITLE: System and method for specifying access to resources in a mobile code system

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|----------------------|------------|-------|---------|---------|
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| Martin, Elizabeth A. | Newton | MA | US | |
| Hostetter, Mathew J. | Cambridge | MA | US | |
| Kranz, David A. | Arlington | MA | US | |

US-CL-CURRENT: 709/245

CLAIMS:

What is claimed is:

1. A method of creating a network connection between an applet executing on a client computer and a content server computer, the method comprising: determining a home site name for the applet, the home site name corresponding to a host name of a computer from which the applet was downloaded to the client computer; checking for the presence of a hostname entry in a name file on the content server computer having an access construct, the hostname entry corresponding to the home site name for the applet; permitting the applet to create a network connection with the content server computer if the hostname entry was present; and denying permission for the applet to create a network connection with the content server computer if the hostname entry was not present.

2. The method of claim 1, wherein an execution engine executes the applet on the client computer, and wherein checking for the presence of a hostname entry in the name file of the content server computer comprises using network restriction software in the execution engine to check for the presence of the hostname entry.

3. The method of claim 1, wherein the access construct comprises an allow list, the allow list comprising the hostname entry representing a computer from which the applet is allowed to have been download from in order to allow the creation of the network connection

4. The method of claim 3, wherein the host name entries are specified using wildcards.

5. The method of claim 1, wherein the access construct comprises an except list, the except list comprising the hostname entry representing a computer from which

*The related applet
10/269/102*

the applet is not allowed to have been downloaded from in order to allow the creation of the network connection.

6. The method of claim 5, wherein the host name entries are specified using wildcards.

7. The method of claim 1, wherein the access construct comprises a special entry to allow access to applets downloaded for any host computer.

8. The method of claim 1, further comprising using the hostname entry to determine types of network connections that are permitted between the applet and the content server computer.

9. The method of claim 1, further comprising performing an address check.

10. The method of claim 9, wherein performing an address check comprises: determining an address list for the content server computer; determining an address list for the computer from which the applet was downloaded; and denying permission for the applet to create a network connection with the content server computer if the address list for the content server computer is not a subset of the address list for the computer from which the applet was downloaded.

11. The method of claim 9, wherein performing an address check comprises denying permission for the applet to create a network connection with the content server computer if the home site name for the applet is in dotted quad form, and an address specified by the dotted quad form is not identical to an address for the content server computer.

12. A computer program product comprising: a computer usable medium for creating a network connection between an applet executing on a client computer and a content server computer; a set of computer program instructions embodied on the computer usable medium, including instructions to: determine a home site name for the applet, the home site name corresponding to a host name of a computer from which the applet was downloaded to the client computer; check for the presence of a hostname entry in a name file on the content server computer having an access construct, the hostname entry corresponding to the home site name for the applet; permit the applet to create a network connection with the content server computer if the hostname entry was present; and deny permission for the applet to create a network connection with the content server computer if the hostname entry was not present.

13. A computer data signal embodied in a carrier wave comprising a code segment for creating a network connection between an applet executing on a client computer and a content server computer, the code segment including instructions to: determine a home site name for the applet, the home site name corresponding to a host name of a computer from which the applet was downloaded to the client computer; check for the presence of a hostname entry in a name file on the content server computer having an access construct, the hostname entry corresponding to the home site name for the applet; permit the applet to create a network connection with the content server computer if the hostname entry was present; and deny permission for the applet to create a network connection with the content server computer if the hostname entry was not present.

14. A computer system for creating a network connection comprising: a client computer executing an applet; a content server computer having a name file; a processor executing the applet on the client computer and determining a home site name for the applet, the home site name corresponding to a host name of a computer from which the applet was downloaded to the client computer, checking for the

presence of a hostname entry in the name file on the content server computer having an access construct, the hostname entry corresponding to the home site name for the applet, permitting the applet to create a network connection with the content server computer if the hostname entry was present, and denying permission for the applet to create a network connection with the content server computer if the hostname entry was not present.

15. A computer system for creating a network connection between an applet executing on a client computer and a content server computer, comprising: a means for determining a home site name for the applet, the home site name corresponding to a host name of a computer from which the applet was downloaded to the client computer; a means for checking for the presence of a hostname entry in a name file on the content server computer having an access construct, the hostname entry corresponding to the home site name for the applet; a means for permitting the applet to create a network connection with the content server computer if the hostname entry was present; and a means for denying permission for the applet to create a network connection with the content server computer if the hostname entry was not present.

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